

PTO/SB/97 (08-03)

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FACSIMILE: 703-308-6672 ATTN: Mr. Lewis**Certificate of Transmission under 37 CFR 1.8**

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on July 3, 2006
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Sean Laible (total of 5 pages)
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SEAN LAIBLE
Typed or printed name of person signing Certificate

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Re: Patent 6,980,580 USSN 10/646,507 Issued: December 27, 2005 Atty Dkt: 03-0668
Entitled: Electrode Arrangement as Substitute Bottom for an Electrothermic Slag Melting Furnace

The attachments are being resent in response to a phone call with Mr. Lewis in the Corrections Branch. This Certificate of Correction was filed on March 13, 2006 and received by the PTO on March 15, 2006, but was apparently never entered. Expedited processing of this request is respectfully requested. Attached are a:

Copy of the Return Postcard, dated stamped by the PTO - 1p

Copy of Certificate of Correction filed March 13, 2006 - 1p

Copy of Fee Transmittal showing correct Assignees - 1p

Copy of PTO Patent Assignment Details, evidencing recordal to Alcoa & Elkem - 1p

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CERT OF CORRECTION
PTO/SB/44
Copy Issue Fee Transmtl
Reel/Frame Recordation

APPLICANT: JA Aune et al.
PATENT: 6,980,580
PAPER DATED: March 13, 2006
ATTY FILE NO: 03-0668

jml



PTO/SB/44 (04-05)

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(Also Form PTO-1050)**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 1 of 1

PATENT NO. : 6,980,580

APPLICATION NO.: 10/646,507

ISSUE DATE : December 27, 2005

INVENTOR(S) : JA Aune, JC Brinch, K Johansen

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Assignee: Alcoa Inc., Pittsburgh, PA (US)
Elkem ASA, Oslo (Norway)

Support for this correction (Reel/Frame Recordation & Issue Fee Transmittal) are submitted herewith.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Alcoa Inc. Intellectual Property
100 Technical Drive
Alcoa Center, PA 15069

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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08840 7590 07/27/2005

ECKERT SEAMANS CHERIN & MELLOTT, LLC
 ALCOA TECHNICAL CENTER
 100 TECHNICAL DRIVE
 ALCOA CENTER, PA 15069-0001

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Nancy Bayne, (Depositor's name)
 [Signature] (Signature)
 October 7, 2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/646,507	08/23/2003	Jan Arthur Aune	03-0668	9659

TITLE OF INVENTION: ELECTRODE ARRANGEMENT AS SUBSTITUTE BOTTOM FOR AN ELECTROTHERMIC SLAG SMELTING FURNACE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	10/27/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
HOANG, TU BA	3742	373-061000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 Daniel P. Cillo
 2 Glenn E. Klepac
 3 Eckert Seamans Cherin & Mellott, LLC

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Alcoa Inc.
 Elkem AS

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Pittsburgh, Pennsylvania
 Oslo, Norway

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government:

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
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- ☐ A check in the amount of the fee(s) is enclosed.
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(e)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date October 7, 2005

Typed or printed name Gary P. Topolosky

Registration No. 31,888

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Reel/Frame: 014429/0094

Recorded: 08/23/2003

Page

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Total properties: 1

1 Patent #: 6980580 Issue Dt: 12/27/2005 Application #: 10646507 Filing Dt: 08/23/2005
Publication #: US20050041719 Pub Dt: 02/24/2005
Title: ELECTRODE ARRANGEMENT AS SUBSTITUTE BOTTOM FOR AN ELECTROTHERMIC SLAG SMELTING FURNACE

Assignors

1 AUNE, JAN ARTHUR	Exec Dt: 08/14/2003
2 BRINCH, JON CHRISTIAN	Exec Dt: 08/15/2003
3 JOHANSEN, KAL	Exec Dt: 08/14/2003

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